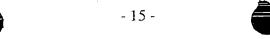




What is claimed is:

- 1. A method for processing a cell, comprising the steps-of irradiating a cell-or-a living tissue with a laser beam through an optical fiber, and cutting off, removing or boring a cell wall and/or a cell membrane or an entirety of the cell thus irradiated.
- 2. The method set forth in claim 1, wherein the laser beam has a wavelength of 500 nm or less.
- 3. The method set forth in claim 1 or 2, wherein the cell is irradiated with the laser through reflection and condensing.
 - 4. The method set forth in claim 3, wherein the reflection and condensing are effected through a chip of quartz glass.
 - 5. The method set forth in claim 4, wherein a surface of the quartz glass chip is coated with a metal.
 - 6. The method set forth in claim 5, wherein the coating metal is at least one metal selected from the group consisting of aluminum, platinum, gold, palladium and/or oxides thereof.
 - 7. The method set forth in any one of claims 1 to 6, wherein the laser is at least one laser selected from the group consisting of an YAG laser, an excimer laser, an Ar ion laser, a nitrogen laser and a nitrogen-exited laser.
 - 8. The method set forth in any one of claims 1 to 7, which further comprises a step of introducing a foreign matter into the cell and/or the living cell through a laser-irradiated portion thereof after irradiation with the laser beam.
 - 9. The method set forth in claim 8, wherein the foreign matter is at least one selected from the group consisting of a genetic substance, a protein, an organelle, a physiologically active substance and an indicating agent.
 - 10. The method set forth in claim 9, wherein the genetic substance is at least one selected from the group consisting of a DNA, an RNA, an oligonucleotide, a plasmid, a chromosome, an artificial chromosome, an organelle DNA, and a nucleic acid analogue.
 - 11. The method set forth in any one of clams 1 to 10, wherein the optical fiber is
 - 12. The method set forth in claim 11, wherein a hollow space of the optical fiber is filled with an inert gas.
 - 13. The method set forth in claim 12, wherein the inert gas is at least one gas selected from the group consisting of a nitrogen gas, an argon gas and a helium gas.



14. The method set forth in any one of claims 11 to 13, wherein a wall surface of a hollow space of the optical fiber is coated with a metal.

15. A transformed body, wherein a genetic substance is introduced into a cell by using the method in claim 10.